

ABSTRACT

The solid electrolytic capacitor of the invention is provided with a first electrode layer and a second electrode layer between which are disposed a dielectric layer formed on the surface of the first electrode layer, and a solid electrolyte layer. The solid electrolyte layer is formed adjacent to the dielectric layer, and it is made of a solid electrolyte containing a conjugated polymer compound and a polymer compound having a proton-donating functional group. Repaired sections are formed in the solid electrolytic capacitor as damaged sections generated in the dielectric layer undergo self-repair due to the metal oxidation power or oxidation catalyzing power of the solid electrolyte. It is thereby possible to reduce deterioration with time and sufficiently inhibit defects and short circuits between electrodes.